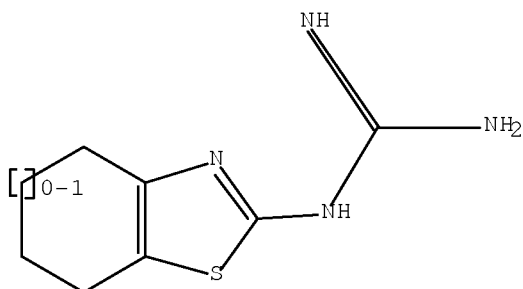


L1 1 S US 20060194788/PN  
 FILE 'REGISTRY' ENTERED AT 11:59:39 ON 07 DEC 2009  
 L2 STRUCTURE UPLOADED  
 L3 0 S L2 SSS SAM  
 L4 8 S L2 SSS FULL  
 FILE 'HCAPLUS' ENTERED AT 12:00:27 ON 07 DEC 2009  
 L5 5 S L4  
 L6 2 S L5 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 FILE 'REGISTRY' ENTERED AT 12:01:06 ON 07 DEC 2009  
 E 289619-28-9/RN  
 SET EXPAND CONTINUOUS  
 L7 1 S E3  
 L8 1 S E4  
 L9 0 S L6 NOT L1  
 FILE 'HCAPLUS' ENTERED AT 12:02:07 ON 07 DEC 2009  
 L10 1 S L6 NOT L1  
 E CAROFF EVA?/AU  
 L11 12 S E13-E14  
 L12 1 S L11 AND NEUROPEPTIDE?  
 L13 0 S L12 NOT L1  
 E STEGER MATT?/AU  
 L14 10 S E25-E28  
 L15 2 S L14 AND NEUROPEPTIDE?  
 L16 1 S L15 NOT L1  
 E VALDENNAIRE OLIVER?/AU  
 L17 37 S E37-E40  
 L18 5 S L17 AND NEUROPEPTIDE?  
 L19 5 S L18 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 E FECHER ANJA?/AU  
 L20 12 S E50  
 L21 2 S L20 AND NEUROPEPTIDE?  
 L22 1 S L21 NOT L1  
 E BREU VOLKER?/AU  
 L23 76 S E61-E62  
 L24 5 S L23 AND NEUROPEPTIDE?  
 L25 5 S L24 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 E HILPERT KURT?/AU  
 L26 93 S E73-E74  
 L27 3 S L26 AND NEUROPEPTIDE?  
 L28 3 S L27 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 E FRETZ HEINZ?/AU  
 L29 52 S E85-E86  
 L30 5 S L29 AND NEUROPEPTIDE?  
 L31 5 S L30 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 L32 3 S L31 NOT L28  
 E GILLER THOMAS?/AU  
 L33 29 S E97-E98  
 L34 4 S L33 AND NEUROPEPTIDE?  
 L35 4 S L34 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 L36 1 S L35 NOT L28

FILE 'REGISTRY' ENTERED AT 12:14:04 ON 07 DEC 2009  
L37 STRUCTURE UPLOADED

L37 STRUCTURE UPLOADED

=> d 137  
L37 HAS NO ANSWERS  
L37 STR



L38 7 S L37 SSS SAM  
L39 144 S L37 SSS FULL

FILE 'HCAPLUS' ENTERED AT 12:14:43 ON 07 DEC 2009  
L40 8 S L39  
L41 5 S L40 AND (PY<2004 OR AY<2004 OR PRY<2004)  
L42 4 S L41 NOT L6

L42 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN  
TI A general synthetic approach to novel conformationally restricted arginine

side chain mimetics

ACCESSION NUMBER: 2002:117124 HCAPLUS Full-text  
DOCUMENT NUMBER: 137:125133  
TITLE: A general synthetic approach to novel conformationally

restricted arginine side chain mimetics  
AUTHOR(S): Peterlin-Masic, Lucija; Jurca, Andreja; Marinko,

Petra; Jancar, Anita; Kikelj, Danijel  
CORPORATE SOURCE: Faculty of Pharmacy, University of Ljubljana, Ljubljana, 1000, Slovenia

SOURCE: Tetrahedron (2002), 58(8), 1557-1563  
CODEN: TETRAB; ISSN: 0040-4020

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 137:125133

CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 27

IT 299180-16-8P 444199-06-8P 444199-07-9P 444199-08-0P 444199-09-1P

444199-11-5P 444199-12-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(general synthetic approach to novel conformationally restricted

arginine side chain mimetics)  
OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS  
RECORD (13 CITINGS)  
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L42 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN  
TI A convenient synthesis of 4-aminomethyl-4,5,6,7-tetrahydro-1,3-benzothiazole arginine side-chain mimetics  
ACCESSION NUMBER: 2001:872166 HCAPLUS Full-text  
DOCUMENT NUMBER: 136:263120  
TITLE: A convenient synthesis of 4-aminomethyl-4,5,6,7-tetrahydro-1,3-benzothiazole  
arginine side-chain mimetics  
AUTHOR(S): Marinko, Petra; Kastelic, Jozse; Krbavcic, Ales; Kikelj, Danijel  
CORPORATE SOURCE: University of Ljubljana, Faculty of Pharmacy, Ljubljana, 1000, Slovenia  
SOURCE: Tetrahedron Letters (2001), 42(50), 8911-8913  
CODEN: TELEAY; ISSN: 0040-4039  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 136:263120  
CC 28-7 (Heterocyclic Compounds (More Than One Hetero Atom))  
IT 2114-02-5P, Amidinothiourea 76263-11-1P 77528-47-3P 77528-48-4P  
405071-50-3P 405071-51-4P 405071-52-5P 405071-53-6P  
405071-61-6P 405071-87-6P 405071-94-5P  
405071-95-6P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(convenient synthesis of 4-aminomethyl-4,5,6,7-tetrahydro-1,3-benzothiazole arginine side-chain mimetics)  
IT 77528-49-5P 405071-47-8P 405072-02-8P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(convenient synthesis of 4-aminomethyl-4,5,6,7-tetrahydro-1,3-benzothiazole arginine side-chain mimetics)

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD  
(6 CITINGS)  
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L42 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN  
TI Preparation of heterobenzothiazole derivatives as ulcer inhibitors.  
ACCESSION NUMBER: 1997:204150 HCAPLUS Full-text  
DOCUMENT NUMBER: 126:186078  
ORIGINAL REFERENCE NO.: 126:35933a,35936a

TITLE: Preparation of heterobenzothiazole derivatives  
 as ulcer inhibitors.  
 INVENTOR(S): Yoo, Han Yong; Chung, Kae Jong; Chai, Jun Pyo;  
 Chang, Man Sik; Kim, Sung Gyu; Choi, Wahn Soo; Kim,  
 Young Hun; Chun, Jae Kwang; Chung, Young Kuk; Kim,  
 Young Heui; Paek, Jang Hoon; Seo, Kwi Hyon; Kang, Dae  
 Pil  
 PATENT ASSIGNEE(S): Yungjin Pharmaceutical Co., Ltd., S. Korea;  
 Yoo, Han Yong; Chung, Kae Jong; Chai, Jun Pyo; Chang,  
 Man Sik; Kim, Sung Gyu; Choi, Wahn Soo; Kim, Young Hun;  
 Chun, Jae Kwang; et al.  
 SOURCE: PCT Int. Appl., 29 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9703076	A1	19970130	WO 1996-KR82	
19960601 <--				
W: CA, CN, JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
PT, SE				
KR 168978	B1	19990115	KR 1995-20516	
19950712 <--				
CA 2209313	A1	19970130	CA 1996-2209313	
19960601 <--				
CA 2209313	C	20011225		
CN 1179162	A	19980415	CN 1996-191355	
19960601 <--				
CN 1122038	C	20030924		
EP 843681	A1	19980527	EP 1996-917723	
19960601 <--				
EP 843681	B1	20020306		
R: BE, DE, ES, FR, GB, IT				
JP 10508877	T	19980902	JP 1997-505695	
19960601 <--				
JP 3384807	B2	20030310		
ES 2170237	T3	20020801	ES 1996-917723	
19960601 <--				
US 6043373	A	20000328	US 1997-849739	
19970703 <--				
PRIORITY APPLN. INFO.:			KR 1995-20516	A
19950712 <--				
			WO 1996-KR82	W
19960601 <--				

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 126:186078  
 IC ICM C07D513-04  
 ICA A61K031-425  
 CC 28-7 (Heterocyclic Compounds (More Than One Hetero Atom))  
 Section cross-reference(s): 1  
 IT 62-56-6P, Thiourea, preparation 504-02-9P, 1,3-Cyclohexanedione  
 583-39-1P, 2-Mercaptobenzimidazole 6857-34-7P,  
 2-Mercapto-4-phenylimidazole 17583-10-7P 60060-44-8P,  
 2-Bromo-1,3-cyclohexanedione 182231-69-2P 187680-77-9P  
 187680-78-0P  
 187680-79-1P 187680-80-4P 187680-81-5P 187680-82-6P  
 187680-83-7P 187680-84-8P 187680-85-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP  
 (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of heterobenzothiazole derivs. as ulcer inhibitors)  
 OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS  
 RECORD  
 (5 CITINGS)

L42 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN  
 TI Fungicides. XV. Synthesis of 2-amino-4,5,6,7-  
 tetrahydrobenzothiazole  
 derivatives and antifungal activity of 2-mercapto- and  
 2-amino-4,5,6,7-tetrahydrobenzothiazole derivatives  
 ACCESSION NUMBER: 1969:77845 HCAPLUS Full-text  
 DOCUMENT NUMBER: 70:77845  
 ORIGINAL REFERENCE NO.: 70:14525a  
 TITLE: Fungicides. XV. Synthesis of  
 2-amino-4,5,6,7-tetrahydrobenzothiazole  
 derivatives  
 and antifungal activity of 2-mercapto- and  
 2-amino-4,5,6,7-tetrahydrobenzothiazole  
 derivatives  
 AUTHOR(S): Usui, Yoshiro  
 CORPORATE SOURCE: Res. Develop. Div., Takeda Chem. Ind., Ltd.,  
 Osaka,  
 Japan  
 SOURCE: Ann. Rep. Takeda Res. Lab. (1968), 27,  
 96-111  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Japanese  
 CC 28 (Heterocyclic Compounds (More Than One Hetero Atom))  
 IT 16565-84-7P 22420-36-6P 22420-38-8P 22420-39-9P 22420-40-2P  
 22420-41-3P 22420-42-4P 22420-43-5P  
 22420-44-6P 22420-45-7P 22420-46-8P  
 22420-47-9P 22420-48-0P 22420-49-1P 22455-50-1P 22455-51-2P  
 22455-52-3P 22455-53-4P 22455-54-5P 22455-55-6P 22455-56-7P  
 22455-57-8P 22455-58-9P 22455-59-0P 22455-60-3P 22455-61-4P  
 22455-62-5P 22455-63-6P 22455-64-7P 22455-65-8P 22455-66-9P  
 22469-58-5P 22469-59-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)

FILE 'REGISTRY' ENTERED AT 12:17:09 ON 07 DEC 2009

E 22420-42-4/RN

L43 1 S E111  
L44 1 S E112  
L45 1 S E113  
L46 1 S E114

L46 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 22420-45-7 REGISTRY

ED Entered STN: 16 Nov 1984

CN Guanidine, N-(4,5,6,7-tetrahydro-2-benzothiazolyl)-, hydrochloride  
(1:1)

(CA INDEX NAME)

OTHER CA INDEX NAMES:

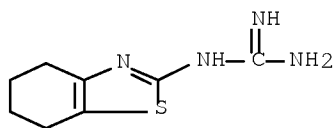
CN Guanidine, (4,5,6,7-tetrahydro-2-benzothiazolyl)-,  
monohydrochloride (8CI)

MF C8 H12 N4 S . Cl H

LC STN Files: BEILSTEIN\*, CA, CAPLUS

(\*File contains numerically searchable property data)

CRN (22420-43-5)



● HCl

L47 1 S E115  
E 187680-81-5/RN  
L48 1 S E123  
L49 1 S E127  
E 405071-53-6/RN  
L50 1 S E135  
L51 1 S E142  
E 405071-87-6/RN  
L52 1 S E147  
L53 1 S E154  
E 444199-11-5/RN  
L54 1 S E159

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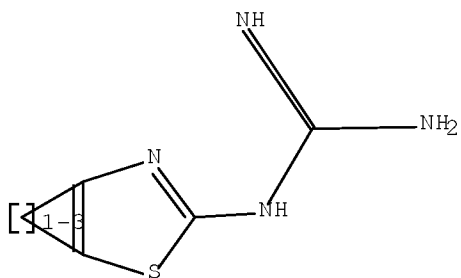
L55 STRUCTURE UPLOADED

L55 STRUCTURE UPLOADED

=> d 155

L55 HAS NO ANSWERS

L55 STR



L56                    0 S L55 SSS SAM  
 L57                    8 S L55 SSS FULL

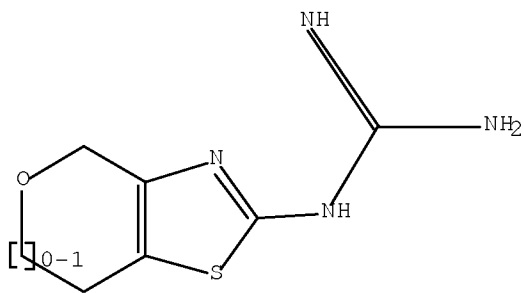
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 L58                    1 S L57 NOT L40

FILE 'REGISTRY' ENTERED AT 12:24:27 ON 07 DEC 2009  
                       E 289619-28-9/RN  
 L59                    1 S E171  
 L60                    1 S E172

FILE 'REGISTRY' ENTERED AT 12:37:13 ON 07 DEC 2009  
 L61                    STRUCTURE UPLOADED

L61                    STRUCTURE UPLOADED

=> d l61  
 L61 HAS NO ANSWERS  
 L61                    STR



L62                    0 S L61 SSS SAM  
 L63                    0 S L61 SSS FULL